

# "Van Dorn"

## PORTABLE ELECTRIC DRILLS

### Light-Duty 1/4-Inch Electric Drill

An inexpensive drill, designed to do the many little jobs that do not require a heavy-duty tool. Automotive shops, electricians, plumbers, carpenters, mechanics, repairmen—in fact, every man who uses tools—needs such a drill for intermittent service every day. Being light and compact it is the ideal drill for the tool kit. It is not intended for continuous production drilling—but is a strong, general-purpose drill. Every shop can afford to have one of these drills for odd jobs, releasing the heavy-duty tools for their regular work.

#### Specifications

**Speed**—No load, 2,000 R. P. M.; Full load, 1,200 R. P. M.

**Drilling Capacity**—1/4" in steel; 1/2" in wood.

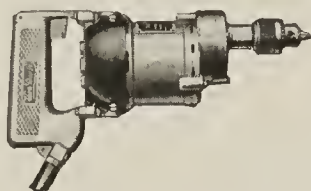
**Equipment**—3-jaw Chuck, Switch, 10-ft. Cable and Plug.

**Weight**—5 lbs.

**Length**—10 1/2".

**Code No. D-1100**—Price..... \$25.00

### Heavy-Duty 1/4-Inch Drill



The latest development in a Heavy Duty 1/4" Electric Drill. Light in weight, more powerful than previous models. Adapted for speedy, continuous production drilling—also for driving Valve Seat Hones, Carbon Cleaning Brushes, Valve Guide Cleaners, Wire Brushes and other attachments used daily in Service Stations.

#### Specifications

**Speed**—No load, 2,000 R. P. M.; Full load, 1,200 R. P. M.

**Drilling Capacity**—1/4" in steel.

**Equipment**—3-jaw chuck; 10 ft. electric cable with plug.

**Weight**—5 1/3 pounds.

**Shipping Weight**—7 1/2 pounds.

**Code No. D8100**—Price..... \$36.00

### 5/16-Inch Electric Drill

Exceptional power and long life make this a most desirable tool for 5/16" production drilling in either metal or wood. It is definitely designed for Service Stations, Body and Fender Repair Shops for handling the many hole sizes above the capacity of a 1/4" drill.

#### Specifications

**Speed**—1,500 R. P. M., no load; 900 R. P. M. full load; also furnished at 2,000 R. P. M., no load. (Specify No. 8200.)

**Drilling Capacity**—5/16" in steel.

**Weight**—7 pounds.

**Shipping Weight**—10 1/2 pounds.

**Equipment**—3-jaw chuck; 10 ft. electric cable with plug.

**Code No. 8500**—Price..... \$47.00

### 1/2-Inch Electric Drill

This 1/2" Electric Drill is designed and built particularly for maintenance work in service stations, factories and machine shops. In power, weight and speed it is ideal for millwright, plumber, electrician and general repairman.

#### Specifications

**Speed**—540 R. P. M., no load; 300 R. P. M., full load.

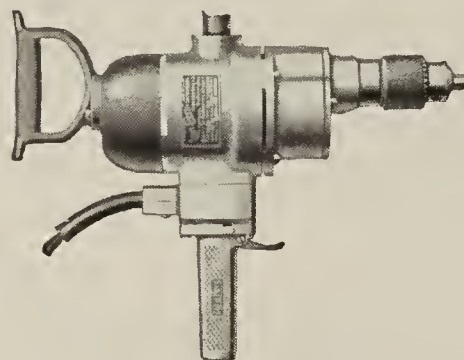
**Drilling Capacity**—1 1/2" in steel.

**Weight**—15 pounds.

**Shipping Weight**—19 pounds.

**Equipment**—Combination spade handle and breast plate, 3-jaw chuck and 10 ft. electric cable with plug.

**Code No. 8600**—Price..... \$45.00



### 5/8-Inch Electric Drill

Designed and built to handle the heaviest continuous 5/8" production work, it is also adapted for automotive maintenance and millwright work.

#### Specifications

**Speed**—550 R. P. M., no load; 315 R. P. M. full load.

**Drilling Capacity**—5/8" in steel.

**Weight**—17 1/2 pounds.

**Shipping Weight**—19 1/2 pounds.

**Equipment**—Combination spade handle and breast plate, 3-jaw chuck, 10 ft. electric cable with plug.

**Code No. D-700**—Price..... \$68.00

### 3/4-Inch Electric Drill

The rugged construction and power of this heavy duty drill adapt it for general building construction work, machinery erection and general automotive maintenance work. Because of its great reserve power, this drill is recommended to service stations for driving rigid set cylinder grinders and hones, and for truck repairs.

#### Specifications

**Speed**—375 R. P. M., no load; 185 R. P. M., full load.

**Drilling Capacity**—3/4" in steel.

**Weight**—24 1/2 pounds.

**Shipping Weight**—27 pounds.

**Equipment**—Combination spade and breast plate swivel handle, 3 jaw chuck, 10 ft. electric cable and plug.

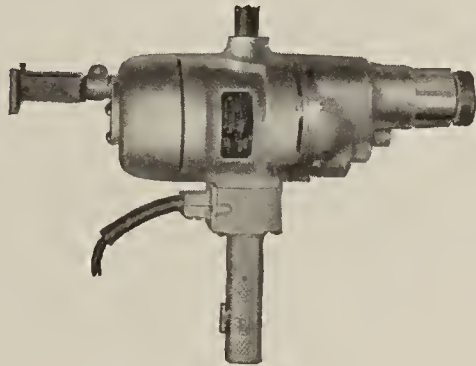
**Code No. D-900**—Price..... \$78.00

Universal Motors Operate on Direct or Alternating Current. Furnished for 32, 110, 220 or 250 Volts.

**"Van Dorn"**

# PORTABLE ELECTRIC TOOLS

## 1-Inch Electric Drill



This machine is particularly useful for outside construction work, for repairs on railway cars; shipbuilding and ship repairs; dock construction and timber work around the mines;—especially where deep wood boring is necessary.

### Specifications

**Speed**—375 R. P. M., no load; 185 R. P. M., full load.

**Drilling Capacity**— $1\frac{1}{4}$ " in steel.

**Weight**—26 pounds.

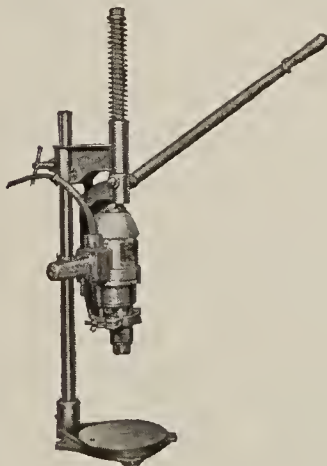
**Shipping Weight**—30 pounds.

**Equipment**—Spade Handle; No. 3 Morse Taper Socket; 20 feet of cable. Following equipment can be furnished extra if desired: Feed Screw;  $\frac{5}{8}$ " Chuck with Special No. 3 Morse Taper Adaptor.

**No. D-1000**—Price..... \$98.00

## Bench Drill Stand for $\frac{1}{2}$ -Inch Drill Only

**Code No. DS-500**—Price..... \$18.00



**Weight**—54 lbs.

A 5 to 1 leverage of feed handle will give approximately 1,000 lbs. pressure speeding up drilling operations.

## Bench Drill Stand

For  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ ",  $\frac{7}{8}$ " Drills

**Code No. 1295**—Price..... \$28.00

**Weight**—56 pounds.

## Post Drill Stand

For  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ ",  $\frac{7}{8}$ " Drills

**Code No. 1250**—Price..... \$32.00

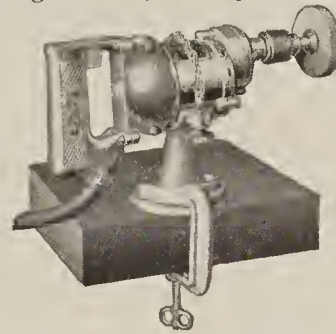
Provided with brackets for column or wall mounting.

**Weight**—65 pounds.

Prices Shown Are List. Write For Our Latest Discount Book, Applying To This Catalog.

## Bench Stand for $\frac{1}{4}$ -Inch Drill

This handy bench stand converts the  $\frac{1}{4}$ " drill into a stationary unit for grinding, buffing and similar operations. A Grinding Wheel and Arbor are also furnished for light grinding jobs. The complete set of Stand, Grinding Wheel, Clamp and Arbor comprises Set No.



8160A. Can also be used with wire brush for cleaning valves and other buffing.

**No. 8160** — Stand, Grinding Wheel and Arbor. Price..... \$3.00

**No. 8169**—Stand only. Price..... \$1.50

**No. 8131**—Clamp to hold Stand on Bench. Price..... \$1.50

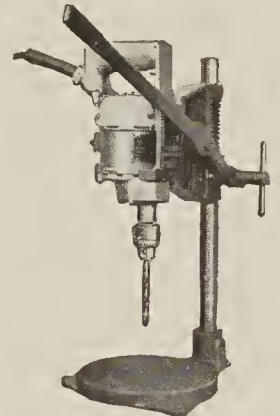
## Bench Drill Stand for $\frac{1}{4}$ -Inch Drill

Drill is easily mounted and held in place by a Clamp and Hand Screw. Movable carriage with tension spring holds drill up in idle position. Drills Nos. 8100, 8500; Screwdrivers Nos. 1 and 2 and Tapper No. 2 can be mounted in this stand.

**Weight** (Stand only)—14 lbs.

**Shipping Weight**—22 lbs.

**Code No. A-1375**—Price. \$12.00



## No. 1 Electric Tool Kit

**Code No. 1**—Price..... \$40.00

To carry tools to the work for drilling, grinding, buffing, brushing and reaming.

1—D-1100  $\frac{1}{4}$ " Drill

1—8169 Drill Stand

1—8131 Clamp for Stand

1—3-section Stitched Buff

1—704 Wire Wheel Brush

1—6255 Grinding Wheel

2—8148 Arbors

11—Twist Drills, No. 56 Set

1—68 Rotary Wire Brush

1—Rotary File

1—Sand Paper Disc

1—Buffing Compound

Complete with Metal Kit

## No. 5 Electric Tool Kit

**Code No. 5**—Price..... \$67.00

For electricians, plumbers and carpenters to do almost any drilling or hole-cutting job.

1—8600  $\frac{1}{2}$ " Drill

1—GTD-233 Burring Reamer

4—Wood Augers, Nos. 24-20-16-12. Give size required.

5—Twist Drills,  $\frac{1}{2}$ ",  $\frac{7}{16}$ ",  $\frac{3}{8}$ ",  $\frac{5}{16}$ ",  $\frac{1}{4}$ ".

7—Hole Saws, 3",  $2\frac{1}{2}$ ",  $2\frac{1}{4}$ ", 2",  $1\frac{3}{4}$ ",  $1\frac{1}{2}$ ",  $1\frac{3}{8}$ ".

1—Hole Saw Mandrel, HS-904.

Complete with Metal Kit.





**"Van Dorn"****ELECTRIC GRINDERS****Hole Saws**

Especially useful in Service Stations for cutting holes in instrument boards and floor boards—in plumbing and heating work for cutting holes in soil pipes, tanks, furnaces, boilers, radiators, bath fixtures, sinks, etc. Electrical Work for cutting holes in conduit boxes, etc., and aircraft work for installing instruments.

**Hole Saw Sets**

No.		Price
HS901	Automotive Set, one each $\frac{3}{4}$ ", 2", $2\frac{1}{16}$ ", $2\frac{5}{8}$ " and $3\frac{1}{2}$ " Saws, two Mandrels.....	\$7.50
HS902	Plumbers and Steamfitters Set; one Saw each for $\frac{3}{4}$ ", 1", $1\frac{1}{4}$ ", $1\frac{1}{2}$ " and 2" Pipe Taps; two Mandrels.....	6.50
HS900	Electricians Set; 1 each $\frac{3}{4}$ ", $\frac{7}{8}$ ", $1\frac{1}{8}$ ", $1\frac{3}{8}$ ", $1\frac{3}{4}$ ", 2", $2\frac{1}{2}$ " and 3" Saws; two Mandrels.....	9.50
HS905	Aircraft Set; 1 each $2\frac{1}{4}$ ", $2\frac{3}{4}$ ", $2\frac{7}{8}$ ", 3' and 4" Saws; one Mandrel.....	8.00

**Hole Saws Only (without Mandrels)**

Cat. No.	Saw Size	Pipe Tap Size	Conduit Size	Use with Mandrel No.	Price
HS906	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{8}$ "	HS903	.60
HS908	$\frac{7}{8}$ "	$\frac{3}{4}$ "	$\frac{1}{2}$ "	HS903	.60
HS910	1"	$\frac{3}{4}$ "	$\frac{1}{2}$ "	HS903	.60
HS912	$1\frac{1}{8}$ "	1"	$\frac{3}{4}$ "	HS903	.60
HS911	$1\frac{1}{4}$ "	1"	$\frac{3}{4}$ "	HS904	.60
HS913	$1\frac{3}{8}$ "	1"	1"	HS904	.60
HS914	$1\frac{1}{2}$ "	$1\frac{1}{4}$ "	1"	HS904	.60
HS915	$1\frac{3}{4}$ "	$1\frac{1}{2}$ "	1"	HS904	.90
HS916	$1\frac{7}{8}$ "	$1\frac{1}{2}$ "	$1\frac{1}{4}$ "	HS904	.90
HS917	2"	1"	$1\frac{1}{2}$ "	HS904	.90
HS918	$2\frac{1}{8}$ "	1"	$1\frac{1}{2}$ "	HS904	.90
HS920	$2\frac{1}{4}$ "	2"	1"	HS904	.90
HS922	$2\frac{3}{8}$ "	2"	1"	HS904	.90
HS921	$2\frac{1}{2}$ "	2"	2"	HS904	1.25
HS923	$2\frac{5}{8}$ "	2"	2"	HS904	1.25
HS924	$2\frac{3}{4}$ "	2"	2"	HS904	1.25
HS925	$2\frac{7}{8}$ "	2"	2"	HS904	1.25
HS927	3"	2"	$2\frac{1}{2}$ "	HS904	1.25
HS926	$3\frac{1}{8}$ "	2"	$2\frac{1}{2}$ "	HS904	1.25
HS930	$3\frac{1}{4}$ "	2"	2"	HS904	1.25
HS929	$3\frac{3}{4}$ "	2"	2"	HS904	1.25
HS928	$3\frac{1}{2}$ "	2"	2"	HS904	1.25
HS932	4"	2"	2"	HS904	1.85

**Mandrels**

HS903	Mandrel with pilot drill (for $\frac{3}{4}$ " to $1\frac{1}{4}$ " Saws).....	\$1.50
HS904	Mandrel with pilot drill (for $1\frac{1}{4}$ " to 4" Saws).....	1.50

**Wire Wheel Brushes**

These brushes are rigid and compact, made of proper gauge wire for each size. By comparison they will be found to have a wider face, more wires and longer life than other brushes.

Four-inch diameter brushes are of the solid hub type. Sizes of 6" and over are of the adaptor type.

No.	Diam.	Hole	Price	No.	Diam.	Hole	Price
704	4"	$\frac{1}{2}$ "	\$2.50	710	10"	*	\$7.00
706	6"	*	3.50	712	12"	*	9.00
708	8"	*	4.00				

\*Arbor hole adaptors furnished for  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ ",  $\frac{7}{8}$ ", 1",  $1\frac{1}{8}$ ",  $1\frac{1}{4}$ ",  $1\frac{3}{8}$ ",  $1\frac{1}{2}$ " and  $1\frac{3}{4}$ ". Specify size wanted.

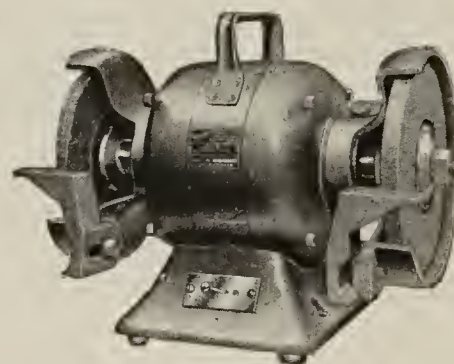
Extra Arbor Hole Adaptors, per pair..... \$0.20

See Page 7 for Arbors

Prices Shown Are List. Write For Our Latest Discount Book, Applying To This Catalog.

**6-Inch Ball Bearing Bench Grinder**

Code No. G-200—Price..... \$35.00



Ideal for tool dressing, sharpening hand tools and light grinding of all kinds. Easily portable.

Speed—3600 R. P. M., no load.

Weight—36 pounds.

Current—Supplied for 100 volts, 50-60 cycle A. C.

Furnished for other voltages and types of current at..... \$46.00

**Pedestal for Mounting 6-Inch Bench Grinder**

Code No. G-7060—Price..... \$12.00

**10-Inch Ball Bearing Bench Grinder**

Code No. G-400—Price..... \$118.00

For tool grinding and all types of general grinding and buffing work.

Speed—2,000 R. P. M. (D. C.); 1800 R. P. M. (A. C.)

Weight—120 pounds.

Current—Specify voltage and current when ordering.

**Pedestal for Mounting 10-Inch Bench Grinder**

Code No. G-459—Price..... \$23.00

**12-Inch Ball Bearing Grinder****BENCH TYPE**

Code No. 10800—Price..... \$208.00

Speed—1800 R. P. M.

Weight—360 pounds.

Current—3 phase, 60 cycle, 220 or 440 volts.

For 25 and 50 cycle current. Price..... \$220.00

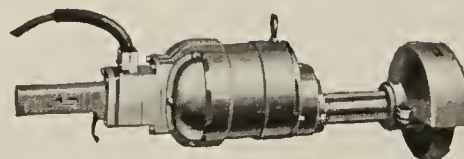
**Floor Type with Pedestal**

Code No. 10900—Price..... \$238.00

For 25 and 50 cycle current. Price..... \$250.00

**Universal Motor Aerial Grinders**

Will Operate on Alternating or Direct Current



Powerful heavy duty portable Grinders for removing the greatest amount of metal in a given period of time. Light in weight, they are unusually easy to handle and have unlimited application for portable grinding operations. Furnished with "Van Dorn" built motors, ball bearings housed in dust-proof seats, hardened alloy steel gears and automatic safety switches.

Equipment—Wheel, wheel guard and 15 feet of cable with plug.

**Specifications**

No.	Wheel Size	Weight	Speed (No. Load)	Price	Abrasive Wheel No.
5900	5"x $\frac{3}{4}$ "x $1\frac{1}{2}$ "	15 lbs.	4200 R.P.M.	\$70.00	5933
6200	6"x1"x $\frac{3}{8}$ "	22 lbs.	3800 R.P.M.	90.00	6233

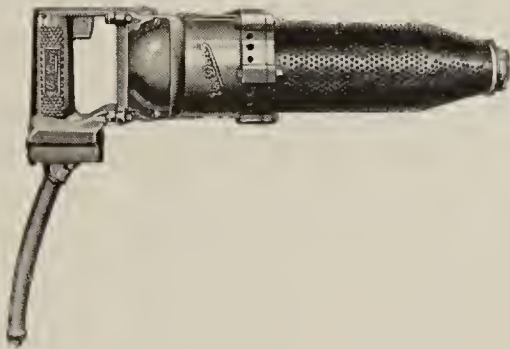
Furnished for 110, 220 and 250 volts

**"Van Dorn"**

## PORTABLE ELECTRIC HAMMERS

### No. EH-200, Portable Electric Hammer

Code No. EH-200—Price.....\$145.00



Four times as fast as hand method for drilling in concrete or brick for electrical work, sign and awning hanging and theatre seat installation.

Capacity in Concrete or Brick—Up to  $\frac{5}{8}$ ".

Number of Blows per Minute—3300.

Weight—9 pounds.

### No. EH-400, Portable Electric Hammer

Code No. EH-400—Price.....\$185.00

Eight times as fast as hand method. For driving any type of tool where hammer action is desired.

Capacity in Concrete or Brick—Up to  $1\frac{1}{8}$ ".

Number of Blows per Minute—2300

Weight—15½ pounds.

### No. EH-600, Portable Electric Hammer

Code No. EH-600—Price.....\$245.00

Twelve times as fast as hand method for drilling in concrete or brick.

Capacity in Concrete or Brick—Up to  $1\frac{1}{2}$ ".

Number of Blows per Minute—2900.

Weight—23 pounds.

### Electric Hammer Tools

Cat. No.	Size		Price
10651	No. 0	Star Drill Chuck ( $\frac{1}{4}$ "- $\frac{3}{4}$ " Inc.)—For No. EH200 Hammer only	\$3.50
99239	No. 1	Star Drill Chuck ( $\frac{1}{4}$ "- $\frac{3}{4}$ " Inc.)—For No. EH400 or EH600 Hammers.....	3.50
99243	No. 2	Star Drill Chuck ( $\frac{13}{16}$ "- $1\frac{1}{4}$ " Inc.)—For No. EH400 or EH600 Hammers.....	4.50
99420	No. 3	Star Drill Chuck ( $1\frac{3}{4}$ " up)—For No. EH400 or EH600 Hammer	5.50
97155	.....	Drift Key.....	.50
99037	.....	Wood Gauge.....	6.00
99039	.....	Flat Wood Chisel.....	4.00
99041	.....	Bush Tool.....	6.00
99035	.....	Seam Tool.....	2.75
10909	.....	Tool Retaining Spring for No. EH200.....	.25
10337	.....	Tool Retaining Spring for No. EH400.....	.25
10336	.....	Tool Retaining Spring for No. EH600.....	.25

### Star Drills and Diamond Point Drills

Diam.	5" Long		9" Long		12" Long		16" Long		20" Long	
	Ea.	In Box of 6 Ea.	Ea.	In Box of 6 Ea.	Ea.	In Box of 6 Ea.	Ea.	In Box of 6 Ea.	Ea.	In Box of 6 Ea.
$\frac{1}{4}$ "	1.00	.75	.....	.....	.....	.....	.....	.....	.....	.....
$\frac{5}{16}$ "	1.00	.75	.....	.....	.....	.....	.....	.....	.....	.....
$\frac{3}{8}$ "	1.00	.80	.....	.....	.....	.....	.....	.....	.....	.....
$\frac{7}{16}$ "	1.15	.85	.....	.....	.....	.....	.....	.....	.....	.....
$1\frac{1}{2}$ "	.....	.....	1.15	.95	1.50	1.20	2.00	1.60	2.50	2.00
$\frac{9}{16}$ "	.....	.....	1.15	.95	1.50	1.25	2.00	1.65	2.50	2.05
$\frac{5}{8}$ "	.....	.....	1.30	1.00	1.75	1.30	2.25	1.70	2.75	2.10
$1\frac{1}{16}$ "	.....	.....	1.30	1.05	1.75	1.35	2.25	1.75	2.75	2.15
$\frac{3}{4}$ "	.....	.....	1.30	1.10	1.75	1.40	2.25	1.80	2.75	2.20
$1\frac{3}{16}$ "	.....	.....	1.50	1.20	2.00	1.50	2.50	1.95	3.00	2.35
$\frac{7}{8}$ "	.....	.....	1.50	1.20	2.00	1.50	2.50	1.95	3.00	2.35
$1\frac{5}{16}$ "	.....	.....	1.59	1.25	2.00	1.55	2.50	2.00	3.00	2.40
1"	.....	.....	1.59	1.25	2.00	1.55	2.50	2.00	3.00	2.40
$1\frac{1}{8}$ "	.....	.....	.....	.....	2.25	1.75	2.75	2.25	3.25	2.75
$1\frac{1}{4}$ "	.....	.....	.....	.....	2.50	2.00	3.00	2.50	3.50	3.00
$1\frac{3}{8}$ "	.....	.....	.....	.....	2.75	2.25	3.25	2.75	3.75	3.25
$1\frac{1}{2}$ "	.....	.....	.....	.....	3.00	2.50	3.50	3.00	4.00	3.50
$1\frac{3}{4}$ "	.....	.....	.....	.....	3.50	3.00	4.00	3.50	4.50	4.00
2"	.....	.....	.....	.....	4.00	3.50	4.50	4.00	5.00	4.50

### Cold Chisels

3"	(Dressed)	1.75	1.50	2.00	1.75	2.50	2.15	3.00	2.50
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### Bull Points

1"	.....	.....	.....	.....	2.25	2.00	3.25	2.75	3.75	3.00
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Universal Motors

Operate on Direct or Alternating Current

Furnished for 110 or 220 volts

Write for prices on 24" Star Drills and Diamond Point Drills, Cold Chisels, Bull Points.